BOOK

ons		Contents	Reference to last Measurem
readth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426970

erial No. 2nd and Part Bill

ame of Work ..... From..... To.....

ame of Contractor of nature of Agency EE, KREDL, Bangalore

ate of commencement of work D.O. Recording : 15.03.2021

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of Works : Providing new Borewells and C.C. Roads and drains development in Rachenahally and other adjacent layouts in Ward no.06. Thanisandra.						
	Estimated cost : Rs	199.00 Lakhs					
	JOB.NO :	006-20-000009					
	Work order no :	BDMP/EE(DTP)/WO/151/2019-20					Dt. 08-11-2019

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earthwork excavation by manual means for Roads, drains and similar works in ordinary soil, Excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications and as per the directions of Engineers-in-charge of work.						
	qty vide - E.B.11 Pg no. (1)						
	P.no. (1) = 102.58 cum / 102.56					@ 204.60/cum	21000/- 4250/-
	2) Providing and laying in position plain cement concrete of M20 1:3:6 with opc. @ 220 kgs with 40mm and down size graded						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	granite metal coarse @ 0.46cum machine mixed thrice wet compacted in Nom. cumfy complete
	3) Providing laying plain using M.20 nominal

T BOOK

nsions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
ons for Roads, drains			
& covered surface levelled			
Earth to be levelled neatly			
specifications and as per			
ction.			
ve - E.B.11 It no. (1)			
(1) = ~~102.58 m³~~ @ 204.60/m³			~~24297.00~~
102.36			2450-
ass cement concrete 1:4:8			
and down size graded			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426971

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	granite metal coarse aggregate c 0.892 m³ and fine aggregate c 0.446 m³ machine mixed concrete laid in layers not exceeding three inches well compacted in finished including cost of all materials, labour charges complete as per specification.						94917.00
	as per sch. E. Bill It no (2)						~~94923.00~~
	p. no (1) = ~~17.25 m³~~ @ 5505.64/m³						~~95488.00~~
	12.24						
	3) Providing laying placing reinforced cement concrete fine grade stream						
	using M.20 nominal mix concrete using OPC at 300 kgs						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	with 20mm down size granite metal 0.69 m³ and fine aggregate ch 0.43 m³ machine mixed, well compacted for wall and bottom including centering shuttering cost of material, hire of machinery, curing complete, excluding cost of steel as per items specification and as per the directions of Engineer in-Charge.						
	qty vide E. Bill. No. (3)						
	p.w. (3) = 37.37 m³ @ 7070.20/m³						264200.00 263600.00 263577.00
41	Providing mug. bars fe-500 steel reinforcement for RCC works						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	including straightening position, lapping and binding wire and anchor necessary complete as of machinery complete Engineer-in-Charge

Contents	Reference to last Measurement
7	8
...ystrands ...rted, ...ensioning ..., curing ...pecifications	
...0. (3)	
@ 7070.20/-	264200.00 263566.00 263577.00
...RCC work	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426972

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	including straightening, cutting, bending, hooking placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary. Complete as per design, costing material, labour, tools of machinery complete as per specifications and directions of Engineer-in-charge work.						223490.00 223693.00
	Qty vide C.B.M. # no(s) p.no (s)	2	3.09	Tonne @	72326.98/Tonne. Rs.		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5) Providing and laying pre-cast covering slab made out of C.C 1:2:4 with 10cms thick at footing ceiling. including formwork, curing, including casting all material, labour hire charges of machine, loading, unloading, lead and lifts transportations etc complete as per direction of engineer-in-charge of work.						
	Qty vide E. Bill Lt no. (5)						87824.00
	P.no. (4) = 37.43 / 37.58 m^2 @ 2337/m²						₹7461.0 / 87813.00
	(b) Providing laying pre-cast covering slab 250mm thick						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	made out of C.C 1:
	steel reinforcemen
	materials, labour, h
	Lead and lifts, trans
	Engineer-in-char
	(a) Qty upto 12½%
	(b) Qty above 12½%

Contents	Reference to last Measurement
7	8
...tayed c.c ... including ... labour ... and hoists ... Engineer-in- ...	
...(5)	
2337/m²	87824.00
	₹7483.00
	87813.00
...thicke	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426973

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	made out of C.C 1:2:4 and jelly 20mm and down size with steel reinforcement including formwork curing, cost of all materials, labour, hire charges of machinery, loading, unloading Lead and lifts, transportation etc complete as per the directions of Engineer-in-charge of work.						
	Qty as per P. Drill. It no. (6) & no. (5)						
		2	43.20				2,34,058.00
		2	~~1170 m²~~		@ 5418/m²		
	(a) ~~Qty upto 12.5%~~	2	54.00		@ ~~5418/m²~~		~~292572.00~~ @
	(b) ~~Qty above 12.5%~~	2	~~1170 m²~~		@ ~~5418/m²~~		~~95899.00~~ @

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(7) Dismantling of cement concrete pavements by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m^3, in volume and stacle piling at designed locations and disposal of dismantled material leading serviceable and unserviceable materials separately complete as per specifications and as per the directions of Engineer-in-charge/Work.						437620.00 437618.00 ~~437709.00~~
	Qty vide P.B.# 11 at ab. (7)						
	P no. (5) =				~~452.20~~ 427.89	@ 1022.74/m^3	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2
	8) Excavation for means including and side slope; grades, and levelling and Engineer-in

Contents	Reference to last Measurement
7	8
mechani pieces ng ab (metred separately ns of (7) e 1022.7 yds	437620.00 437618.00 47209.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426974

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8] Excavation for Road works in all types of soil by mechanical means including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades, and cross-sections, and transportation with leads, lifts and complete as per specifications and directions of Engineer-in-charge of work. Qty vide R. Bill - II no. 8 P. no (6) ~~878.4943~~ c 836.53 c				56.26 yds - Rs		47064.00 ~~47424.00~~

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	a) Stone dust/grit 4.75 mm to 0.075 mm for Road Strengthening for DLC cut portions and as per the directions of Engineer-in-charge						
		qty vide E. Bill # no. (9) p. (6)					
		= 265.92 sq.m @ 1060/sq.m. Rs 257.84					2818776.00 273277.00
	b) Providing and laying, spreading, and compacting crushed stone aggregates of trap/basalt to wet mix macadam specifications including pre-mixing the material with water at OMC in mechanical mix plant carriage of mixed						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	materials by tipper pavers in sub-base/ and compacting to density complete Engineer-in-charge

ntents	Reference to last Measurement
7	8
yth-	
p. (6)	
Rs	2818736.00 273277.00
shed	
spalls	
eteral	
ned	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426975

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	materials by tipper in site, laying in uniform layers with Paver in sub-base/ base course on well prepared surface and compacting with vibratory Roller to achieve the desired density complete as per specifications and directions of Engineer-in-charge.						
			~~265.92~~ 257.81 m^3		@ 2001.28/m^3 Rs		515950.00 ~~515946.40~~ 532784.40

Qty vide R. Bill No. (6) page (5)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11)	Compaction of original ground by mechanical means including filling in depressions occuring during Rolling including cost of all labour, tools complete as per specifications and directions of Engineer-in-charge.						
	qty wide. E. Bridge Road (11) p.(6)						
	= 2329.57 / 2310.79 m² @ 6.30/m²						14698.00 / 12906.00
12)	Providing and laying in position plain cement concrete of mix M15:8 with graded stone aggregate 10mm to 40mm and						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	down size graded 0.85 mm and fine ag laid in layers and in funda. including c complete as per spe

ontents 7	Reference to last Measurement 8
neony) Rolly pers ye. ly p.(6) y³ @	14698.00 12908.12
oncrete and	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426976

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	down size graded granite metal Coarse aggregate @ 0.88 y³ and fine aggregate @ 0.58 y³ machine mixed, Concrete Laid in layers not exceeding 15 cms thick well compacted in funda. including cost of materials, Labour, Hamaj (Lump Complete as per Specification.						
		qty vide p.no (7) 2				E. Bill # no. (12) 346.65 320.92 y³ @ 5408.12/y³	1735574.00 1735550.00 1274717.00 @

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13)	Cement Concrete pavement; Construction of un-reinforced cement concrete pavement, using a grade Concrete M-30 over a prepared base with 0% Coarse aggregate 20-6mm size aggregate @ 0.45 m³ Coarse aggregate and fine aggregates conforming to IS-383-2016, with super plasticiser @ 3% by weight as per IS 9103-2009 mixed in a Concrete mixer of not less than 0.40 m³ Capacity and appropriate weigh batcher as per approved design mix laid as approved by the Engineer in charge, Including all forms work, Spreading the						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Concrete with chan... directed and plac... ation including pr... and longitudinal join... filler, separation ... admixtures of appr... and grades, textured ... of all materials, labo...

Contents	Reference to last Measurement
7	8
rced cemb	
30 over	
0.69 m³	
hire	
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ns Mk	
dry th	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

426977

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Concrete With shovels, rackers, Compacted using needle Vibrated and plate vibrator of finished ring Continuous operation including provision of Contraction, Expansion, Construction and longitudinal joints including groove cutting charges, joints filler, separation membrane, sealant primer, joint sealant and mixtures of approved, curing compound, finishing to lines and grades, textured with texturing machine and curing, cost of all materials, labour, hire charges of machine etc complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	as per specifications and directions of Engineer-in-charge						
	as per Bill No. (13)						1676418.00
	p.no (18) = 546.65 m³ @ 5240.86/-						1676406.00
							18,06,37,200
				324.71			
		5302056					5361898.00
		321871					56,36,255.00
							3,24,951.00
							321871.00
		5623927					
					Sub Total Rs		56,23,769.00
	GST 12%	626246.22					3,24,951.00
	3%	16871.81					2,38,315.71
	1%	5823.27				Add KRIDL charges 4%	36227.71
		6485130.80					
					Add GST @ 12%		676362.80
		Round off: 6485000				Grand Total Rs	64,84,947.71

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

15/3/2024

15/3/2024

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2

15/3/2024

ntents	Reference to last Measurement
7	8
- chng	
(13)	1676418.00
	1672406.0
5210.86/2	18.063/220
	£ 1,
	5361898.0
Rthers	56,36,355.0
s thing	3,41,521.00
	321871.0
Rs £	59,57,876.00
	56,23,769.0
	2,24,951.00
ಇದೆ 41. £	2,38,315.74
	£36227.74
£	6,76,362.60
Rs £	68,72,333.64
	64,84,947.76

M. A. R. 57 (Rule 116)
Measurement Book

No. B

426978

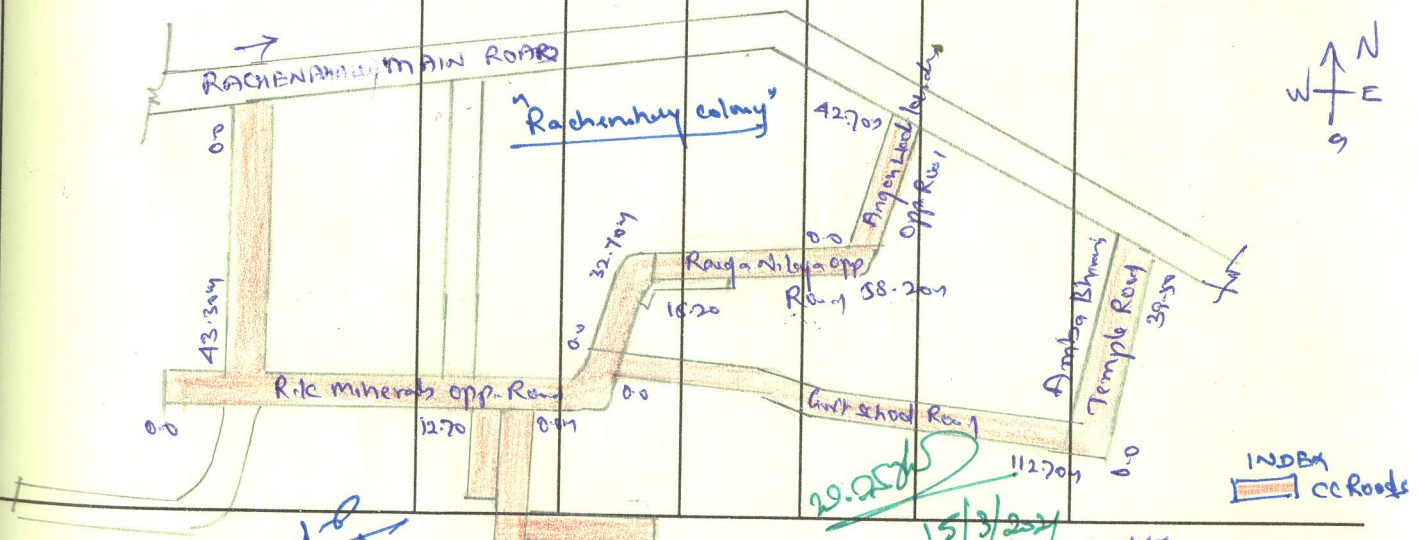
Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



15/3/24

25.60m

15/3/24

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

15/3/2024

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2

	Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

426973

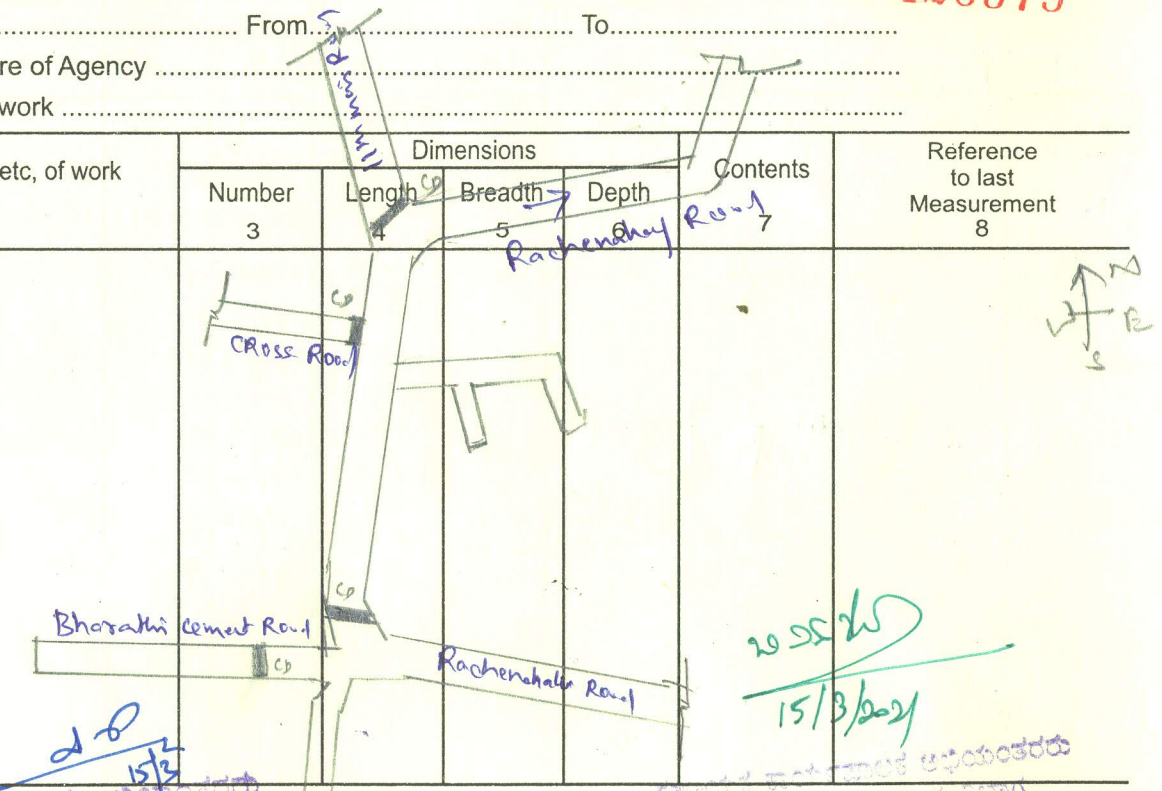
Serial No. .....

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		



15/3/2021

15/3

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

2nd & part

MEASUREMENT BOOK

SBR: 57/20-21

23.3.21

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	P 3727						
	SC-SP-TSP	ರಡಿ	Total:	11131500	0.00		
	6485000/=		1st & part	4646500	.00		
	706000/=		2nd & part	6485000	.00		
	5779000/=		It	129700	.00		
			Cust	57902	.00		
			SCst	57902	.00		
			Cell	64850	.00		
			CBI	6485	.00		
			LR	65161	.00		
			FSD	324000	.00		
			Ded:	706000	00		
			Chgs	5779000	.00		

31/3/21

AE

3/3

EE

3/03

ಬೃಬೆ.ಮಹಾ, ಬೆಂಗಳೂರು

ಬೃಬೆ.ಮಹಾ, ಬೆಂಗಳೂರು

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